

**Amendments to the Specification:**

**Please amend the paragraph spanning page 56, line 8 to page 57, line 6 of the specification as follows:**

**--Example 11**

Examples of diseases or infections treatable by pharmaceutical compositions comprising chemically-modified peptides include:

<u>PEPTIDES</u>	<u>DISEASES/INFECTIONS</u>	<u>DOSE</u>
Octanoyl-Arg-Phe-Phe-Arg-NH-octyl (SEQ ID NO:29)	Cystic fibrosis	0.5-45 mg (inhaler)
Octanoyl-Arg-Trp-Phe-NH <sub>2</sub>	Periodontitis	0.0001-1% (mouth rinse)
Decanoyl-Arg-Trp-Phe-NH <sub>2</sub>	Urinary tract infection	0.01-100 mg/kg (oral)
Nonanoyl-Arg-NH-nonyl	Otitis media	0.000001-20 % (ear drops)
Octanoyl-Arg-Trp-Cys-NH <sub>2</sub>	Acne	0.001-15% (cream)
Nonanoyl-Arg-Arg-NH-nonyl	Gonorrhea	0.01-100 mg/kg (oral)
Octanoyl-Arg-Leu-NH-octyl	Retinitis	0.000001-5% (eye drops)
Octanoyl-Arg-Trp-NH <sub>2</sub>	Bronchitis	0.01-100 mg/kg (oral)
Octanoyl-Arg-NH-octyl	Ulcer	0.01-100 mg/kg (oral)
Octanoyl-Lys-NH-octyl	Sinusitis	0.01-100 mg/kg (oral)
Decanoyl-Arg-NH-decyl	Burn or wound infections	0.000001-20% (cream)

Octanoyl-Arg-Arg-NH-octyl	Mononucleosis	0.01-100 mg/kg (mg/kg, oral)--
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**Please amend the paragraph at page 59, lines 1-14 of the specification as follows:**

--D. Sun-screening Cream

Octanoyl-Arg-Phe-Phe-Arg-NH-octyl (SEQ ID NO:29)	0.00001-15%
decamethylcyclopentasiloxane	3-50%
liquid paraffine	0.5-15%
polyoxyalkylene-modified	0.1-5%
organopolysiloxane	
distearyldimethylammonium chloride	0.06-5%
perfume	0.03-5%
titanium oxide	1-25%
zinc oxide	0.5-15%
talc	0.2-15%
glycerin	0.5-20%
magnesium aluminum silicate	0.1-10%
pyrogen-free, sterile deionized water	balance--

**Please amend paragraph at page 71, lines 9-20 of the specification as follows:**

--The resulting solution may be placed into a microscale spinning apparatus and fiber is formed while wet with methanol. The antimicrobial activity of the peptides may be tested in tubes containing LB media innoculated with the peptide-containing fiber and *E.coli* growing at log phase ( $1 \times 10^6$  to  $1 \times 10^7$  cells/ml). Aliquots can be taken from the culture tube at periodic intervals and absorbance readings at 600 nm (uv/vis) can be measured in a microcuvette.

<u>Peptides</u>	<u>MIC (<math>\mu</math>g/ml)</u>
Octanoyl-Arg-Trp-Phe-NH <sub>2</sub>	$\leq 15$
Octanoyl-Arg-Arg-Arg-NH-octyl	$\leq 8$

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**PATENT**

Octanoyl-Arg-Phe-Phe-Arg-NH-octyl ( <u>SEQ ID NO:29</u> )	$\leq 4$
Decanoyl-Arg-NH-decyl	$\leq 15$
Octanoyl-Arg-Trp-NH <sub>2</sub>	$\leq 15$
Nonanoyl-Arg-Arg-NH-nonyl	$\leq 2$ --